

Amendments to the Specification

With reference to the "clean version" of the amended Specification submitted with the preliminary amendment of 10/16/2003, insert the following consecutive paragraphs at page 4, line 27 (just prior to the heading "Brief Description of the Drawings") :

In one embodiment, the process for producing a phosphor having a garnet structure as represented by  $A_3B_5O_{12}:\text{Ce}$ , wherein A is terbium or terbium together with at least one of the elements Y, Gd, La, and/or Lu and B is at least one of the elements Al and Ga, comprises: (a) intimately mixing cerium oxide, oxides of A and B, and at least one flux to form a mixture; and (b) firing the mixture in forming gas to form the phosphor. More particularly, the flux is  $\text{BaF}_2$ ,  $\text{HBO}_3$ , or both.

In another embodiment of the process, a stoichiometric excess of an oxide of B is used to form the mixture. More particularly, a stoichiometric excess of aluminum oxide is used to form the mixture.

In a further embodiment of the process, the mixture is fired at a temperature from  $1450^\circ\text{C}$  to  $1550^\circ\text{C}$  and for 3 hours to 6 hours. More particularly, the firings are each for three hours.